

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION

DR-660

Effective Date: January 1, 2014

Reevaluation Date: **May 2015**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Series 620 Aluminum Sliding Glass Door, Non-Impact Resistant, manufactured by

MI Windows and Doors, Inc.

P.O. Box 370

Gratz, PA 17030-0370

Telephone: (717) 365-3300

General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1	Series 620 Aluminum Sliding Glass Door; (XX)	SD-C60 96x96	±60
2	Series 620 Aluminum Sliding Glass Door; (OXX)	SD-C50 182x96	±50
3	Series 620 Aluminum Sliding Glass Door; (OXXX)	SD-C50 193x96	±50

Product Dimensions:

System	Overall Size	Operable Panel Size
1	96" x 96"	48 $\frac{1}{16}$ " x 93 $\frac{7}{8}$ "
2	182" x 96"	60" x 93 $\frac{5}{8}$ "
3	192 $\frac{1}{2}$ " x 96"	48" x 93 $\frac{5}{8}$ "

Product Identification:

System		
1-3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series 620 Sliding Glass Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

System		
1	Type of Installation	Through Frame
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No.12 Flat Head Screws
	Fastener Location/Spacing	Head and Sill: Located through the interior track 10 inches from each corner and approximately 10 inches on center through the frame into the wood substrate. Jambs: Located on the interior track 10 inches from each corner and approximately 10 inches on center through the frame into the wood substrate.
	Fastener Penetration	Minimum of 1 ½ inches into the wall framing members
2 & 3	Type of Installation	Through Frame
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No.14 Screws
	Fastener Location/Spacing	Head and Sill: Each pair of screws are located through the interior and exterior panel tracks 10 inches from each corner and approximately 20 inches on center through the frame into the wood substrate. Jambs: Each pair of screws are located through the interior and exterior panel tracks 6 inches from each corner and approximately 16inches on center through the frame into the wood substrate.
	Fastener Penetration	Minimum of 1 ½ inches into the wall framing members

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.